



# ***STIC Search Report***

## **Biotech-Chem Library**

**STIC Database Tracking Number: 194809**

**TO: Deborah Lambkin**  
**Location: rem/5B09/5C18**  
**Art Unit: 1626**  
**July 7, 2006**

**Case Serial Number: .10/820900**

**From: P. Sheppard**  
**Location: Remsen Building**  
**Phone: (571) 272-2529**

**sheppard@uspto.gov**

### **Search Notes**

Access DB# 194809

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Deborah Lamberton Examiner #: 71300 Date: 7/6/06  
Art Unit: 1626 Phone Number 302-0693 Serial Number: 10/820,900  
Mail Box and Bldg/Room Location: 5C18/5B09 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need. ME  
\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

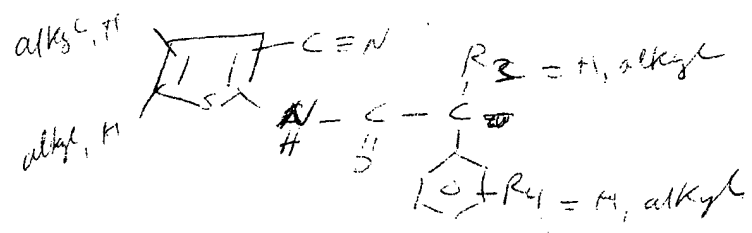
Title of Invention: Novel sus. -3-oxo-4-thiophene...

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

\* Please exclude inventors from answer set.



variable ring attachments.

Thanks DA

\*\*\*\*\*

## STAFF USE ONLY

Searcher: <u>Sheppard</u>	Type of Search	Vendors and cost where applicable
Searcher Phone #: _____	NA Sequence (#) _____	STN _____
Searcher Location: _____	AA Sequence (#) _____	Dialog _____
Date Searcher Picked Up: _____	Structure (#) _____	Questel/Orbit _____
Date Completed: _____	Bibliographic _____	Dr. Link _____
Searcher Prep & Review Time: _____	Litigation _____	Lexis/Nexis _____
Clerical Prep Time: _____	Fulltext _____	Sequence Systems _____
Online Time: _____	Patent Family _____	WWW/Internet _____
	Other _____	Other (specify) _____

Lambkin 10\_820900- - History

=> d his ful

(FILE 'REGISTRY' ENTERED AT 11:36:21 ON 07 JUL 2006)

L1 STR  
L3 STR  
L7 273 SEA SSS FUL L1 AND L3  
L12 STR L1  
L13 40 SEA SUB=L7 SSS FUL L12

FILE 'HCAPLUS' ENTERED AT 12:13:04 ON 07 JUL 2006

L14 3 SEA ABB=ON PLU=ON L13  
D STAT QUE L14  
D IBIB ABS HITSTR L14 1-3  
SELECT HIT RN L14 1-3

FILE 'REGISTRY' ENTERED AT 12:15:04 ON 07 JUL 2006

L15 5 SEA ABB=ON PLU=ON (158297-27-9/BI OR 158297-30-4/BI OR  
544464-58-6/BI OR 777084-76-1/BI OR 777084-77-2/BI)  
L16 35 SEA ABB=ON PLU=ON L13 NOT L15  
D STAT QUE L16  
D IDE CAN L16 1-35

FILE 'CHEMCATS' ENTERED AT 12:19:37 ON 07 JUL 2006

L17 141 SEA ABB=ON PLU=ON L16  
L18 0 SEA ABB=ON PLU=ON L17 AND PD=<OCTOBER 1, 2001  
D STAT QUE L18  
D L17 1 10 20 30 40 50 60 70 80 90 100 110 120 141

FILE 'BEILSTEIN' ENTERED AT 12:23:10 ON 07 JUL 2006

L20 5 SEA SSS FUL L1 AND L3  
L21 0 SEA SUB=L20 SSS FUL L12

FILE HCAPLUS

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FILE COVERS 1907 - 7 Jul 2006 VOL 145 ISS 3  
FILE LAST UPDATED: 6 Jul 2006 (20060706/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 JUL 2006 HIGHEST RN 890869-30-4  
DICTIONARY FILE UPDATES: 6 JUL 2006 HIGHEST RN 890869-30-4

Lambkin 10\_820900- - History

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

FILE CHEMCATS

FILE LAST UPDATED 24 JUNE 2006 (20060624/UP)

For details on recent updates in CHEMCATS, enter NEWS FILE at an arrow  
prompt. For the list of suppliers currently in the file, enter  
HELP SPA, HELP SPBC, HELP SPDH, HELP SPIN, HELP SPOP, and HELP SPQZ.  
For the list of current catalogs, enter HELP CTA, HELP CTBC, HELP  
CTDH, HELP CTIN, HELP CTOP, and HELP CTQZ.

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and NEWS FILE for details.

FILE BEILSTEIN

FILE LAST UPDATED ON JUNE 16, 2006

FILE COVERS 1771 TO 2006.

FILE CONTAINS 9,606,495 SUBSTANCES

>>>PLEASE NOTE: Reaction Data and substance data are stored in  
separate documents and can not be searched together in one query.  
Reaction data for BEILSTEIN compounds may be displayed  
immediately with the display codes PRE (preparations) and REA  
(reactions). A substance answer set retrieved after the search  
for a chemical name, a compounds with available reaction  
information by combining with PRE/FA, REA/FA or more generally  
with RX/FA. The BEILSTEIN Registry Number (BRN) is the link  
between a BEILSTEIN compound and belonging reactions. For mo  
detailed reaction searches BRNs can be searched as reaction  
partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

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\* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. \*

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\*

\*\*\*\*\*

NEW

\* PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE  
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\* NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES,  
ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A  
COMPOUND AT A GLANCE.

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=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 12:13:04 ON 07 JUL 2006

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FILE COVERS 1907 - 7 Jul 2006 VOL 145 ISS 3

FILE LAST UPDATED: 6 Jul 2006 (20060706/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

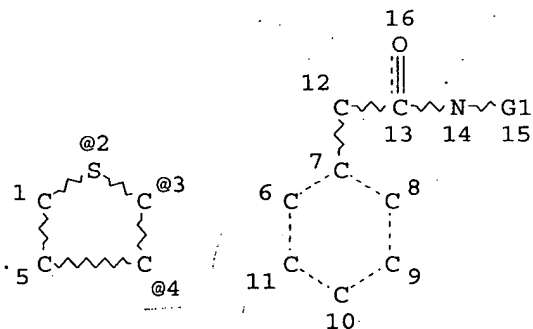
This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> d stat que l14

L1 STR



VAR G1=2/3/4

NODE ATTRIBUTES:

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DEFAULT ECLEVEL IS LIMITED

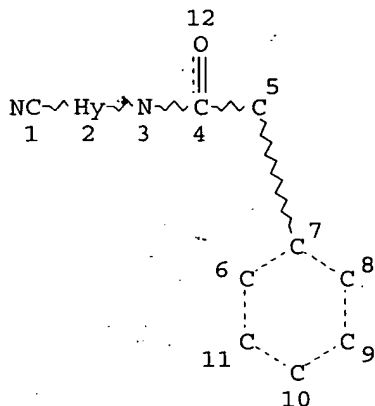
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE

L3 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

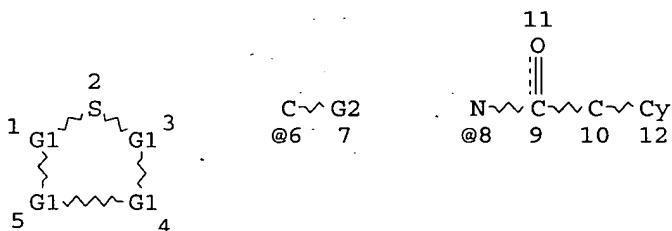
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NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L7 273 SEA FILE=REGISTRY SSS FUL L1 AND L3

L12 STR



VAR G1=CH/6

VAR G2=ME/ET/I-PR/N-PR/I-BU/N-BU/T-BU/S-BU/CN/8

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L13 40 SEA FILE=REGISTRY SUB=L7 SSS FUL L12

L14 3 SEA FILE=HCAPLUS ABB=ON PLU=ON L13

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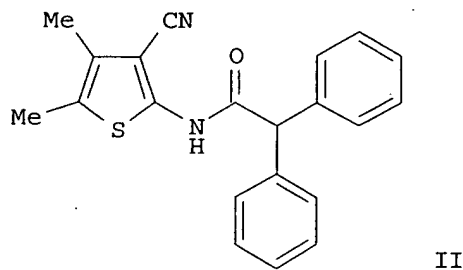
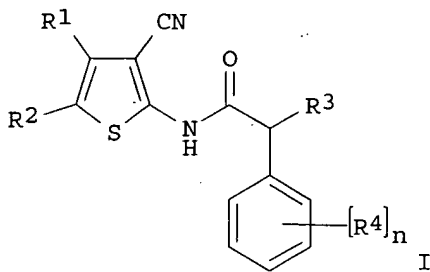
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=> d ibib abs hitstr l14 1-3

L14 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:878171 HCAPLUS  
 DOCUMENT NUMBER: 141:350154  
 TITLE: Preparation of novel substituted 3-cyanothiophene acetamides as glucagon receptor antagonists  
 INVENTOR(S): Erickson, Shawn David; Gillespie, Paul; Guertin, Kevin Richard  
 PATENT ASSIGNEE(S): F. Hoffmann-La Roche AG, Switz.  
 SOURCE: U.S. Pat. Appl. Publ., 14 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004209943	A1	20041021	US 2004-820900	20040408
AU 2004230220	A1	20041028	AU 2004-230220	20040413
CA 2521732	AA	20041028	CA 2004-2521732	20040413
WO 2004092156	A1	20041028	WO 2004-EP3884	20040413
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1620425	A1	20060201	EP 2004-726965	20040413
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
BR 2004009454	A	20060502	BR 2004-9454	20040413
CN 1774433	A	20060517	CN 2004-80009916	20040413
PRIORITY APPLN. INFO.:			US 2003-463200P	P 20030416
			WO 2004-EP3884	W 20040413
OTHER SOURCE(S):		MARPAT 141:350154		
GI				

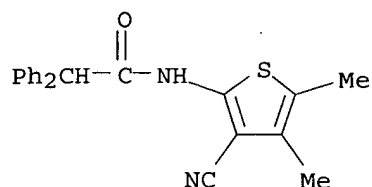


AB The title compds. [I; R1, R2 = alkyl, alkoxy, aminoalkyl, etc.; or R1 and R2 taken together form (un)substituted 4-8 membered ring optionally containing heteroatoms; R3 = (un)substituted alkyl, aryl, aralkyl, cycloalkyl; R4 = alkyl, alkoxy, halo, CN, etc.; n = 0-5], useful for the treatment and/or prophylaxis of diseases which are associated with the antagonism of the

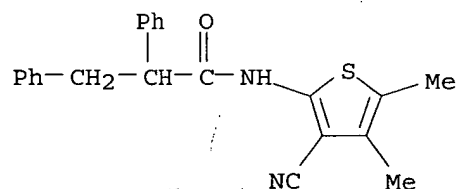


glucagon receptor, such as diabetes, were prepared and formulated. Thus, reacting Me Et ketone with malononitrile and sulfur in the presence of Et<sub>2</sub>NH in EtOH followed by amidation of the resulting 2-amino-3-cyano-4,5-dimethylthiophene with diphenylacetyl chloride afforded II. The compds. I showed IC<sub>50</sub> of ≤10.0 μM for the inhibition of glucagon stimulated cAMP production

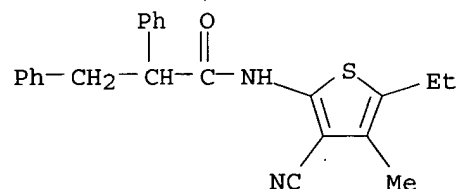
- IT 544464-58-6P, N-(3-Cyano-4,5-dimethyl-thiophen-2-yl)-2,2-diphenylacetamide 777084-76-1P, N-(3-Cyano-4,5-dimethyl-thiophen-2-yl)-2,3-diphenylpropionamide 777084-77-2P, N-(3-Cyano-4-methyl-5-ethyl-thiophen-2-yl)-2,3-diphenylpropionamide  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of novel substituted 3-cyanothiophene acetamides as glucagon receptor antagonists for treating diabetes)
- RN 544464-58-6 HCAPLUS  
 CN Benzenacetamide, N-(3-cyano-4,5-dimethyl-2-thienyl)-α-phenyl- (9CI)  
 (CA INDEX NAME)



- RN 777084-76-1 HCAPLUS  
 CN Benzenepropanamide, N-(3-cyano-4,5-dimethyl-2-thienyl)-α-phenyl- (9CI) (CA INDEX NAME)



- RN 777084-77-2 HCAPLUS  
 CN Benzenepropanamide, N-(3-cyano-5-ethyl-4-methyl-2-thienyl)-α-phenyl- (9CI) (CA INDEX NAME)



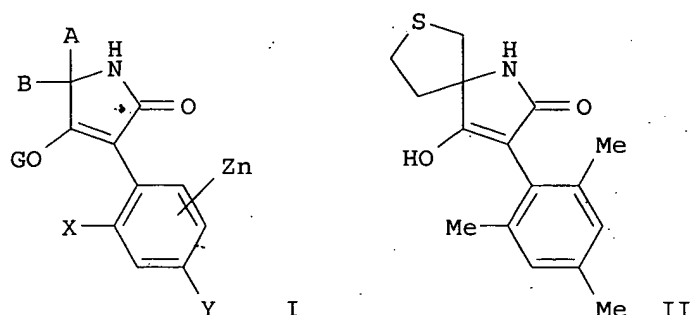
DOCUMENT NUMBER: 122:265355  
 TITLE: Preparation of spirocyclic 1H-3-arylpyrrolidin-2,4-diones as pesticides..  
 INVENTOR(S): Fischer, Reiner; Bretschneider, Thomas; Krueger, Bernd-Wieland; Santel, Hans Joachim; Dollinger, Markus; Erdelen, Christoph; Wachendorff-Neumann, Ulrike  
 PATENT ASSIGNEE(S): Bayer A.-G., Germany  
 SOURCE: Ger. Offen., 65 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4415334	A1	19950112	DE 1994-4415334	19940502
WO 9501358	A1	19950112	WO 1994-EP1997	19940620
W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, LK, NO, NZ, PL, RO, RU, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9471864	A1	19950124	AU 1994-71864	19940620
EP 706527	A1	19960417	EP 1994-920958	19940620
EP 706527	B1	20011114		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, PT				
CN 1126475	A	19960710	CN 1994-192660	19940620
CN 1099420	B	20030122		
BR 9407046	A	19960813	BR 1994-7046	19940620
JP 08512034	T2	19961217	JP 1995-503238	19940620
JP 3542805	B2	20040714		
HU 74311	A2	19961230	HU 1995-3930	19940620
RU 2144034	C1	20000110	RU 1996-105903	19940620
AT 208779	E	20011115	AT 1994-920958	19940620
ES 2167371	T3	20020516	ES 1994-920958	19940620
US 5981567	A	19991109	US 1995-578519	19951228
US 6479489	B1	20021112	US 1999-325063	19990603
US 6555567	B1	20030429	US 2002-175125	20020619
US 2004009999	A1	20040115	US 2003-372417	20030224
US 6774133	B2	20040810		

## PRIORITY APPLN. INFO.:

DE 1993-4322052	A1	19930702
DE 1994-4400223	A1	19940107
DE 1994-4415334	A	19940502
WO 1994-EP1997	W	19940620
US 1995-578519	A3	19951228
US 1999-325063	A3	19990603
US 2002-175125	A3	20020619

OTHER SOURCE(S): CASREACT 122:265355; MARPAT 122:265355  
 GI



AB Title compds. [I; ABC = heteroatom-interrupted (substituted) 5-6 membered ring; X = alkyl, halo, alkoxy; Y = H, alkyl, halo, alkoxy, haloalkyl; Z = alkyl, halo, alkoxy; n = 0-3; G = H, COR<sub>1</sub>, C(:L)MR<sub>2</sub>, SO<sub>2</sub>R<sub>3</sub>, metal ion, ammonium ion, etc.; L, M = O, S; R<sub>1</sub> = (halo-substituted) alkyl, alkenyl, alkoxyalkyl, alkylthioalkyl, polyalkoxyalkyl, (substituted) Ph, phenylalkyl, phenoxyalkyl, heteroaryl, etc.; R<sub>2</sub> = (halo-substituted) alkyl, cycloalkyl, alkenyl, alkoxyalkyl, polyalkoxyalkyl, (substituted) Ph, PhCH<sub>2</sub>; R<sub>3</sub> = (halo-substituted) alkyl, alkenyl, alkoxy, alkylamino, alkylthio, alkenylthio, cycloalkylthio, (substituted) Ph, PhO, PhS], were prepared. Thus, Me 3-[(2,4,6-trimethylphenyl)acetylaminol]tetrahydrothiophene-3-carboxylate (preparation given) was refluxed with NaH in PhMe to give 96% title compound (II). Several I at 0.01% on Brassica oleracea leaves gave ≥90% control of Myzus persicae.

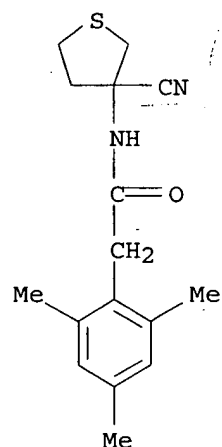
IT 158297-27-9P 158297-30-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of spirocyclic 1H-3-arylpyrrolidin-2,4-diones as pesticides)

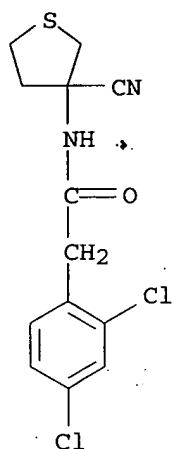
RN 158297-27-9 HCAPLUS

CN Benzeneacetamide, N-(3-cyanotetrahydro-3-thienyl)-2,4,6-trimethyl- (9CI)  
(CA INDEX NAME)



RN 158297-30-4 HCAPLUS

CN Benzeneacetamide, 2,4-dichloro-N-(3-cyanotetrahydro-3-thienyl)- (9CI) (CA INDEX NAME)



L14 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1994:655419 HCAPLUS

DOCUMENT NUMBER: 121:255419

TITLE: N-phenylacetaminonitriles and their use as intermediates for the synthesis of insecticidal and herbicidal 3-arylpyrrolidine-2,4-diones

INVENTOR(S): Fischer, Reiner; Beck, Gunther

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Eur. Pat. Appl., 49 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

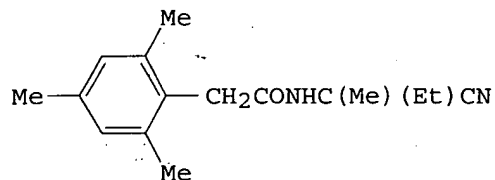
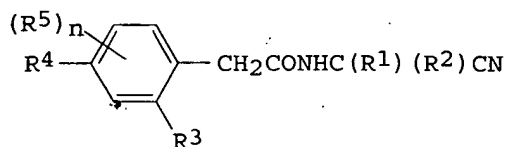
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

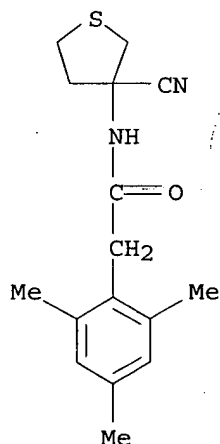
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 595130	A1	19940504	EP 1993-116688	19931015
EP 595130	B1	19960703		
R: BE, CH, DE, ES, FR, GB, IT, LI, NL				
DE 4236400	A1	19940505	DE 1992-4236400	19921028
ES 2089672	T3	19961001	ES 1993-116688	19931015
US 5508436	A	19960416	US 1993-140633	19931021
JP 06220004	A2	19940809	JP 1993-286151	19931022
JP 3615558	B2	20050202		
US 5672718	A	19970930	US 1995-558300	19951115
PRIORITY APPLN. INFO.:			DE 1992-4236400	A 19921028
			US 1993-140633	A3 19931021

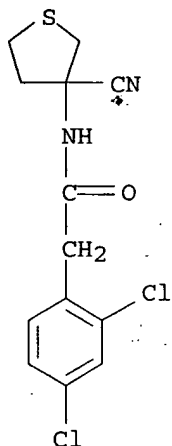
OTHER SOURCE(S): MARPAT 121:255419  
GI



- AB The title compds. [I; R1, R2 = H, (un)substituted alkyl, alkenyl, cycloalkyl, aryl, heterocyclyl; R2 = H, (un)substituted alkyl; R3, R5 = halogen, alkyl, alkoxy; R4 = H, halogen, alkyl, haloalkyl, alkoxy; n = 0-3; R1R2C = (un)substituted cycloalkyl or heterocyclyl], useful as intermediates for the preparation of insecticidal and herbicidal 3-arylpyrrolidine-2,4-diones, are prepared Thus, 2-amino-2-methylbutyronitrile was condensed with mesityleneacetyl chloride, producing nitrile II, m.p. 155-157°, in 90% yield.
- IT 158297-27-9P 158297-30-4P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of, as intermediate for insecticidal and herbicidal arylpyrrolidinediones)
- RN 158297-27-9 HCAPLUS
- CN Benzeneacetamide, N-(3-cyanotetrahydro-3-thienyl)-2,4,6-trimethyl- (9CI)  
 (CA INDEX NAME)



- RN 158297-30-4 HCAPLUS
- CN Benzeneacetamide, 2,4-dichloro-N-(3-cyanotetrahydro-3-thienyl)- (9CI) (CA INDEX NAME)



=> => fil reg

FILE 'REGISTRY' ENTERED AT 12:15:04 ON 07 JUL 2006

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STRUCTURE FILE UPDATES: 6 JUL 2006 HIGHEST RN 890869-30-4

DICTIONARY FILE UPDATES: 6 JUL 2006 HIGHEST RN 890869-30-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

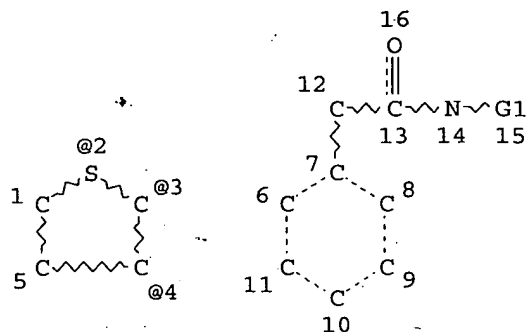
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> d stat que 116

L1 STR



VAR G1=2/3/4

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

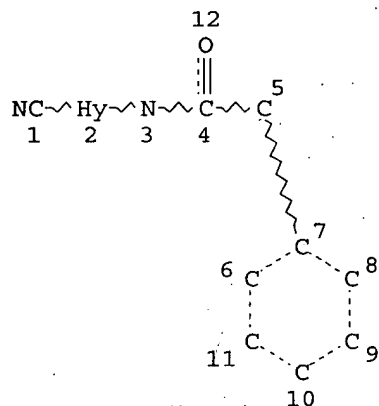
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE

L3 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

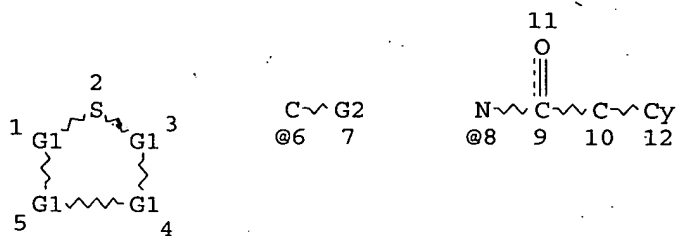
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L7 273 SEA FILE=REGISTRY SSS FUL L1 AND L3

L12 STR



VAR G1=CH/6

VAR G2=ME/ET/I-PR/N-PR/I-BU/N-BU/T-BU/S-BU/CN/8

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L13 40 SEA FILE=REGISTRY SUB=L7 SSS FUL L12

L15 5 SEA FILE=REGISTRY ABB=ON PLU=ON (158297-27-9/BI OR 158297-30-4/BI OR 544464-58-6/BI OR 777084-76-1/BI OR 777084-77-2/BI)

L16 35 SEA FILE=REGISTRY ABB=ON \*PLU=ON L13 NOT L15

=> d ide can l16 1-35

L16 ANSWER 1 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN

RN 874622-31-8 REGISTRY

ED Entered STN: 20 Feb 2006

CN 2-Naphthaleneacetamide, N-(3-cyano-2-thienyl)-5,6,7,8-tetrahydro- (9CI)  
(CA INDEX NAME)

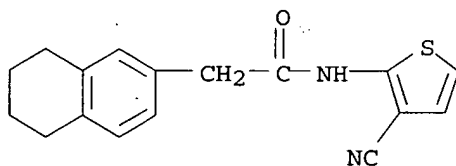
FS 3D CONCORD

MF C17 H16 N2 O S

SR Chemical Library

Supplier: Enamine

LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 2 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN

RN 873788-99-9 REGISTRY

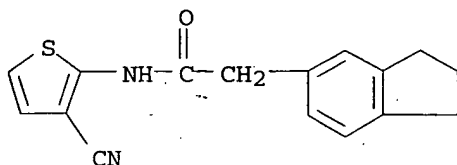
ED Entered STN: 08 Feb 2006

CN 1H-Indene-5-acetamide, N-(3-cyano-2-thienyl)-2,3-dihydro- (9CI) (CA INDEX NAME)

FS 3D CONCORD

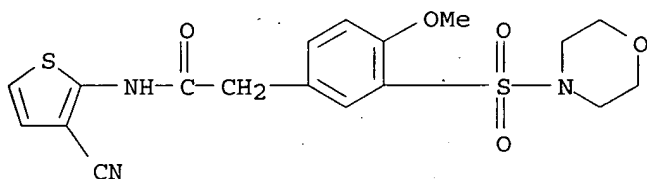


MF C16 H14 N2 O S  
 SR Chemical Library  
 Supplier: Enamine  
 LC STN Files: CHEMCATS



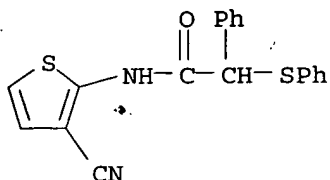
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 3 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 871304-64-2 REGISTRY  
 ED Entered STN: 06 Jan 2006  
 CN Benzeneacetamide, N-(3-cyano-2-thienyl)-4-methoxy-3-(4-morpholinylsulfonyl)- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C18 H19 N3 O5 S2  
 SR Chemical Library  
 Supplier: Enamine  
 LC STN Files: CHEMCATS



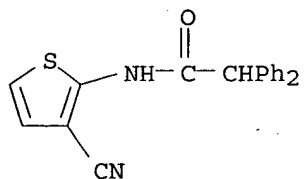
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 4 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 871304-02-8 REGISTRY  
 ED Entered STN: 06 Jan 2006  
 CN Benzeneacetamide, N-(3-cyano-2-thienyl)-alpha-(phenylthio)- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C19 H14 N2 O S2  
 SR Chemical Library  
 Supplier: Enamine  
 LC STN Files: CHEMCATS



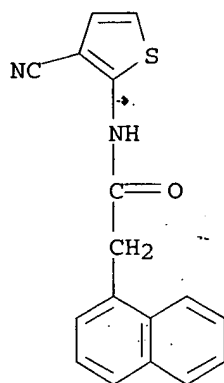
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 5 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 865545-98-8 REGISTRY  
 ED Entered STN: 19 Oct 2005  
 CN Benzeneacetamide, N-(3-cyano-2-thienyl)- $\alpha$ -phenyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C19 H14 N2 O S  
 SR Chemical Library  
 Supplier: Interchim  
 LC STN Files: CHEMCATS



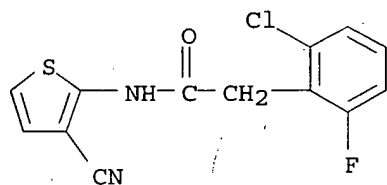
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 6 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 863421-80-1 REGISTRY  
 ED Entered STN: 19 Sep 2005  
 CN 1-Naphthaleneacetamide, N-(3-cyano-2-thienyl)- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C17 H12 N2 O S  
 SR Chemical Library  
 Supplier: Ambinter  
 LC STN Files: CHEMCATS



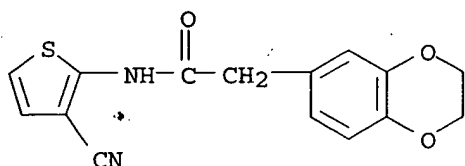
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 7 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 830343-64-1 REGISTRY  
 ED Entered STN: 14 Feb 2005  
 CN Benzeneacetamide, 2-chloro-N-(3-cyano-2-thienyl)-6-fluoro- (9CI) (CA  
 INDEX NAME)  
 FS 3D CONCORD  
 MF C13 H8 Cl F N2 O S  
 SR Chemical Library  
 Supplier: Scientific Exchange, Inc.  
 LC STN Files: CHEMCATS



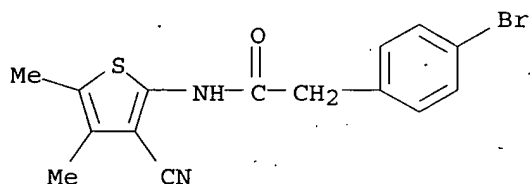
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 8 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 796076-17-0 REGISTRY  
 ED Entered STN: 10 Dec 2004  
 CN 1,4-Benzodioxin-6-acetamide, N-(3-cyano-2-thienyl)-2,3-dihydro- (9CI) (CA  
 INDEX NAME)  
 FS 3D CONCORD  
 MF C15 H12 N2 O3 S  
 SR Chemical Library  
 Supplier: Enamine  
 LC STN Files: CHEMCATS



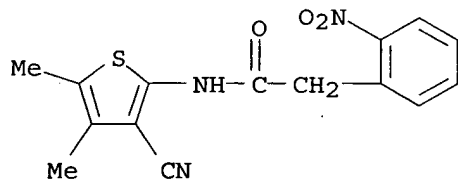
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 9 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 777878-82-7 REGISTRY  
 ED Entered STN: 10 Nov 2004  
 CN Benzeneacetamide, 4-bromo-N-(3-cyano-4,5-dimethyl-2-thienyl)- (9CI) (CA  
 INDEX NAME)  
 FS 3D CONCORD  
 MF C15 H13 Br N2 O S  
 SR Chemical Library  
 Supplier: Scientific Exchange, Inc.  
 LC STN Files: CHEMCATS



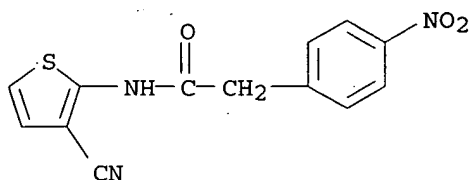
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 10 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 777874-26-7 REGISTRY  
 ED Entered STN: 10 Nov 2004  
 CN Benzeneacetamide, N-(3-cyano-4,5-dimethyl-2-thienyl)-2-nitro- (9CI) (CA  
 INDEX NAME)  
 FS 3D CONCORD  
 MF C15 H13 N3 O3 S  
 SR Chemical Library  
 Supplier: Scientific Exchange, Inc.  
 LC STN Files: CHEMCATS



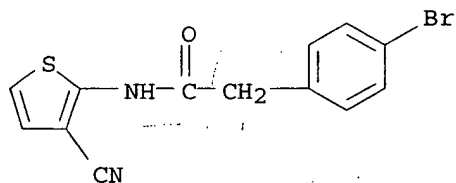
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 11 OF 35 REGISTRY. COPYRIGHT 2006 ACS on STN  
RN 775301-26-3 REGISTRY  
ED Entered STN: 05 Nov 2004  
CN Benzeneacetamide, N-(3-cyano-2-thienyl)-4-nitro- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C13 H9 N3 O3 S  
SR Chemical Library  
Supplier: Scientific Exchange, Inc.  
LC STN Files: CHEMCATS



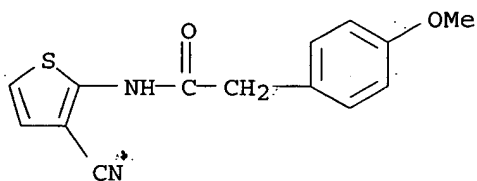
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 12 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 749906-58-9 REGISTRY  
ED Entered STN: 23 Sep 2004  
CN Benzeneacetamide, 4-bromo-N-(3-cyano-2-thienyl)- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C13 H9 Br N2 O S  
SR Chemical Library  
Supplier: Enamine  
LC STN Files: CHEMCATS



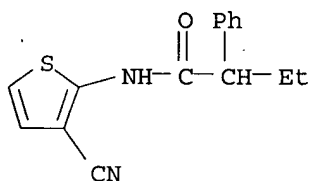
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 13 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 722473-13-4 REGISTRY  
ED Entered STN: 05 Aug 2004  
CN Benzeneacetamide, N-(3-cyano-2-thienyl)-4-methoxy- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C14 H12 N2 O2 S  
SR Chemical Library  
Supplier: Enamine  
LC STN Files: CHEMCATS



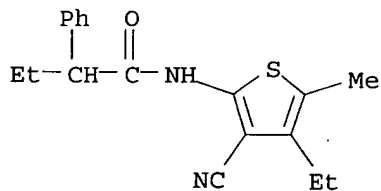
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 14 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 717857-40-4 REGISTRY  
 ED Entered STN: 28 Jul 2004  
 CN Benzeneacetamide, N-(3-cyano-2-thienyl)- $\alpha$ -ethyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C15 H14 N2 O S  
 SR Chemical Library  
 Supplier: ChemBridge Corporation  
 LC STN Files: CHEMCATS



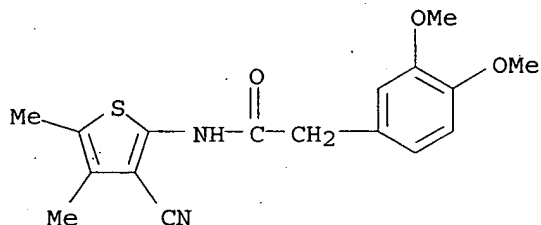
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 15 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 549519-75-7 REGISTRY  
 ED Entered STN: 17 Jul 2003  
 CN Benzeneacetamide, N-(3-cyano-4-ethyl-5-methyl-2-thienyl)- $\alpha$ -ethyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C18 H20 N2 O S  
 SR Chemical Library  
 Supplier: Ambinter  
 LC STN Files: CHEMCATS



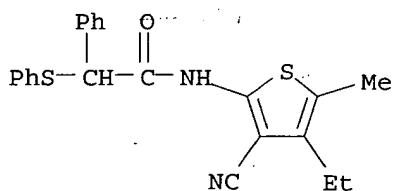
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 16 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 544458-02-8 REGISTRY  
 ED Entered STN: 08 Jul 2003  
 CN Benzeneacetamide, N-(3-cyano-4,5-dimethyl-2-thienyl)-3,4-dimethoxy- (9CI)  
 (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C17 H18 N2 O3 S  
 SR Chemical Library  
 Supplier: Ambinter  
 LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

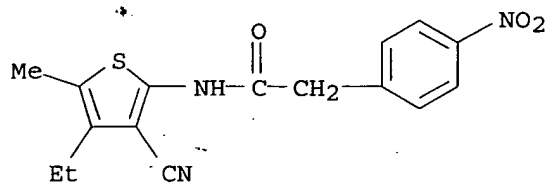
L16 ANSWER 17 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 544410-81-3 REGISTRY  
 ED Entered STN: 08 Jul 2003  
 CN Benzeneacetamide, N-(3-cyano-4-ethyl-5-methyl-2-thienyl)- $\alpha$ -(phenylthio)- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C22 H20 N2 O S2  
 SR Chemical Library  
 Supplier: Ambinter  
 LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

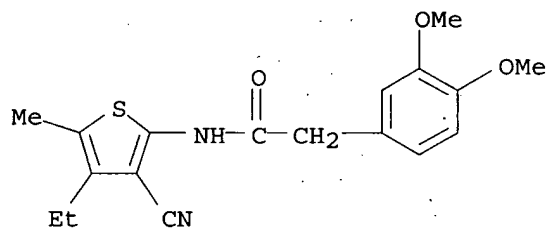
L16 ANSWER 18 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 543715-21-5 REGISTRY  
 ED Entered STN: 07 Jul 2003  
 CN Benzeneacetamide, N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-4-nitro- (9CI)  
 (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C16 H15 N3 O3 S

SR Chemical Library  
Supplier: Ambinter  
LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

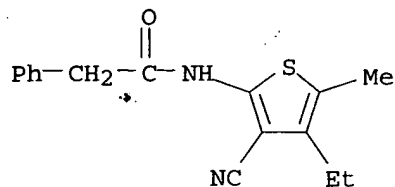
L16 ANSWER 19 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 541519-05-5 REGISTRY  
ED Entered STN: 03 Jul 2003  
CN Benzeneacetamide, N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-3,4-dimethoxy-  
(9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C18 H20 N2 O3 S  
SR Chemical Library  
Supplier: Ambinter  
LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

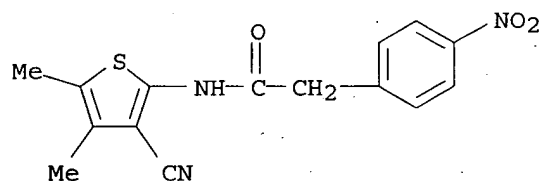
L16 ANSWER 20 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 541514-79-8 REGISTRY  
ED Entered STN: 03 Jul 2003  
CN Benzeneacetamide, N-(3-cyano-4-ethyl-5-methyl-2-thienyl)- (9CI) (CA INDEX  
NAME)  
FS 3D CONCORD  
MF C16 H16 N2 O S  
SR Chemical Library  
Supplier: Ambinter  
LC STN Files: CHEMCATS





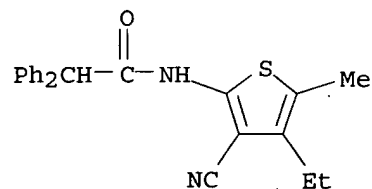
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 21 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 540799-44-8 REGISTRY  
 ED Entered STN: 02 Jul 2003  
 CN Benzeneacetamide, N-(3-cyano-4,5-dimethyl-2-thienyl)-4-nitro- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C15 H13 N3 O3 S  
 SR Chemical Library  
 Supplier: Ambinter  
 LC STN Files: CHEMCATS



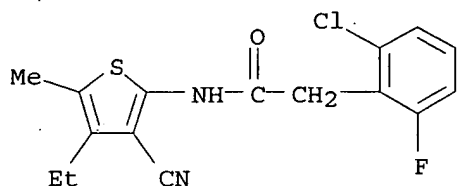
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 22 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 438452-59-6 REGISTRY  
 ED Entered STN: 12 Jul 2002  
 CN Benzeneacetamide, N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-alpha-phenyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C22 H20 N2 O S  
 SR Chemical Library  
 Supplier: Ambinter  
 LC STN Files: CHEMCATS



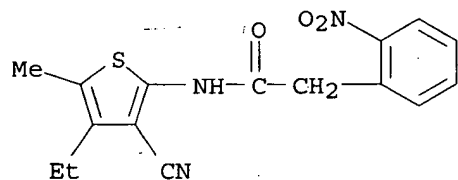
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 23 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 438213-15-1 REGISTRY  
ED Entered STN: 11 Jul 2002  
CN Benzeneacetamide, 2-chloro-N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-6-fluoro-  
(9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C16 H14 Cl F N2 O S  
SR Chemical Library  
Supplier: Interchim  
LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

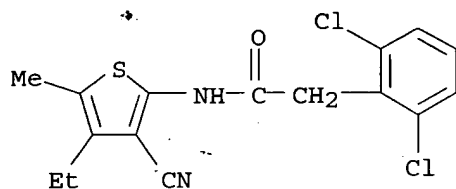
L16 ANSWER 24 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 438212-65-8 REGISTRY  
ED Entered STN: 11 Jul 2002  
CN Benzeneacetamide, N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-2-nitro-. (9CI)  
(CA INDEX NAME)  
FS 3D CONCORD  
MF C16 H15 N3 O3 S  
SR Chemical Library  
Supplier: Interchim  
LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

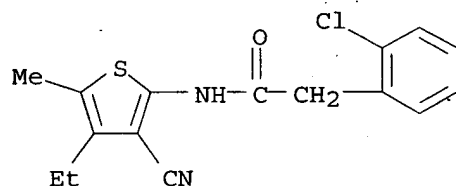
L16 ANSWER 25 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 438212-07-8 REGISTRY  
ED Entered STN: 11 Jul 2002  
CN Benzeneacetamide, 2,6-dichloro-N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-  
(9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C16 H14 Cl2 N2 O S  
SR Chemical Library

Supplier: Interchim  
 LC STN Files: CHEMCATS



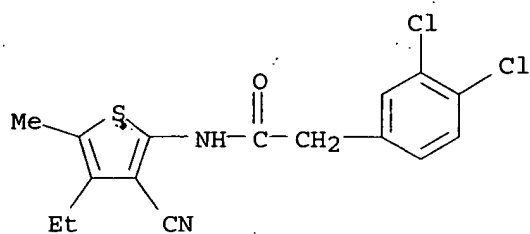
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 26 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 438211-70-2 REGISTRY  
 ED Entered STN: 11 Jul 2002  
 CN Benzeneacetamide, 2-chloro-N-(3-cyano-4-ethyl-5-methyl-2-thienyl)- (9CI)  
 (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C16 H15 Cl N2 O S  
 SR Chemical Library  
 Supplier: Interchim  
 LC STN Files: CHEMCATS



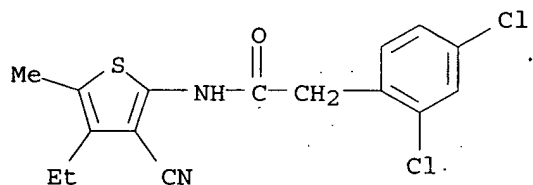
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 27 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 438197-97-8 REGISTRY  
 ED Entered STN: 11 Jul 2002  
 CN Benzeneacetamide, 3,4-dichloro-N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-  
 (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C16 H14 Cl2 N2 O S  
 SR Chemical Library  
 Supplier: Interchim  
 LC STN Files: CHEMCATS



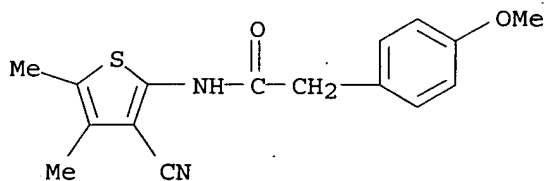
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 28 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 438197-85-4 REGISTRY  
 ED Entered STN: 11 Jul 2002  
 CN Benzeneacetamide, 2,4-dichloro-N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-  
 (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C16 H14 Cl2 N2 O S  
 SR Chemical Library  
 Supplier: Interchim  
 LC STN Files: CHEMCATS



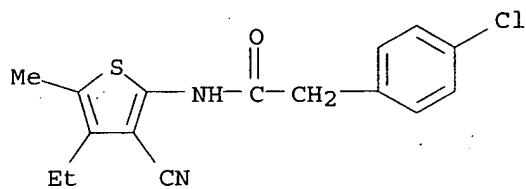
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 29 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 352705-01-2 REGISTRY  
 ED Entered STN: 27 Aug 2001  
 CN Benzeneacetamide, N-(3-cyano-4,5-dimethyl-2-thienyl)-4-methoxy- (9CI) (CA  
 INDEX NAME)  
 FS 3D CONCORD  
 MF C16 H16 N2 O2 S  
 SR Chemical Library  
 Supplier: Ambinter  
 LC STN Files: CHEMCATS



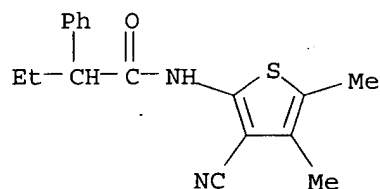
## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 30 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 331255-34-6 REGISTRY  
 ED Entered STN: 13 Apr 2001  
 CN Benzeneacetamide, 4-chloro-N-(3-cyano-4-ethyl-5-methyl-2-thienyl)- (9CI)  
 (CA INDEX NAME)  
 FS 3D CONCORD  
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 SR Chemical Library  
 Supplier: AsInEx  
 LC STN Files: CHEMCATS



## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

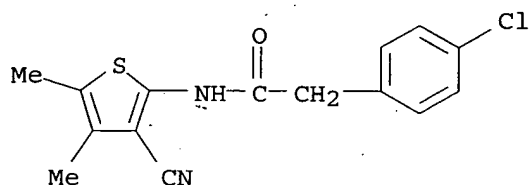
L16 ANSWER 31 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 329218-94-2 REGISTRY  
 ED Entered STN: 28 Mar 2001  
 CN Benzeneacetamide, N-(3-cyano-4,5-dimethyl-2-thienyl)- $\alpha$ -ethyl- (9CI)  
 (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C17 H18 N2 O S  
 SR Chemical Library  
 Supplier: TimTec, Inc.  
 LC STN Files: CHEMCATS



## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

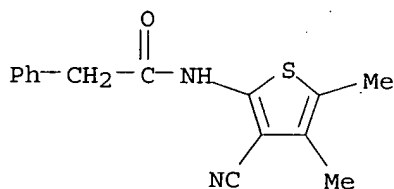
L16 ANSWER 32 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 328277-81-2 REGISTRY  
 ED Entered STN: 21 Mar 2001  
 CN Benzeneacetamide, 4-chloro-N-(3-cyano-4,5-dimethyl-2-thienyl)- (9CI) (CA  
 INDEX NAME)  
 FS 3D CONCORD

MF C15 H13 Cl N2 O S  
 SR Chemical Library  
 Supplier: TimTec, Inc.  
 LC STN Files: CHEMCATS



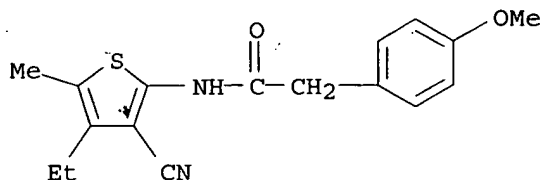
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 33 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 326886-22-0 REGISTRY  
 ED Entered STN: 13 Mar 2001  
 CN Benzeneacetamide, N-(3-cyano-4,5-dimethyl-2-thienyl)- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C15 H14 N2 O S  
 SR Chemical Library  
 Supplier: Oak Samples Ltd.  
 LC STN Files: CHEMCATS



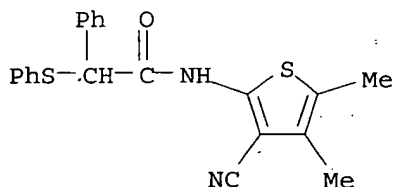
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 34 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 313703-06-9 REGISTRY  
 ED Entered STN: 12 Jan 2001  
 CN Benzeneacetamide, N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-4-methoxy- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C17 H18 N2 O2 S  
 SR Chemical Library  
 Supplier: ChemDiv, Inc.  
 LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L16 ANSWER 35 OF 35 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 312703-95-0 REGISTRY  
 ED Entered STN: 04 Jan 2001  
 CN Benzeneacetamide, N-(3-cyano-4,5-dimethyl-2-thienyl)-α-(phenylthio)-  
 (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C21 H18 N2 O S2  
 SR Chemical Library  
 Supplier: Nanosyn Combinatorial Synthesis Inc.  
 LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

=> => fil chemcat  
 FILE 'CHEMCATS' ENTERED AT 12:19:37 ON 07 JUL 2006  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2006 American Chemical Society (ACS)

FILE LAST UPDATED 24 JUNE 2006 (20060624/UP)

For details on recent updates in CHEMCATS, enter NEWS FILE at an arrow prompt. For the list of suppliers currently in the file, enter HELP SPA, HELP SPBC, HELP SPDH, HELP SPIN, HELP SPOP, and HELP SPQZ. For the list of current catalogs, enter HELP CTA, HELP CTBC, HELP CTDH, HELP CTIN, HELP CTOP, and HELP CTQZ.

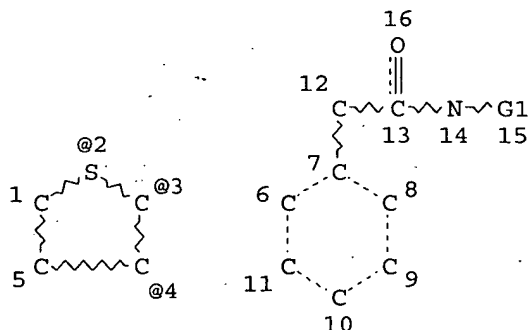
This database is provided on an "as is" basis. Please consult the suppliers for current information regarding pricing, regional availability, available quantities, purities, etc. THERE ARE NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED. ACS is not liable for any loss of profit, goodwill or any other damages arising out of the use of this database.

CHEMCATS now contains more than 10 million records. See HELP CONTENT and NEWS FILE for details.

=>

=> d stat que 118

L1 STR



VAR G1=2/3/4

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

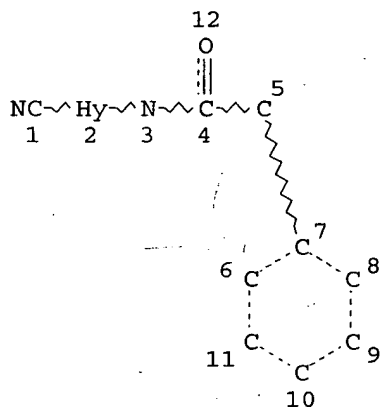
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE

L3 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

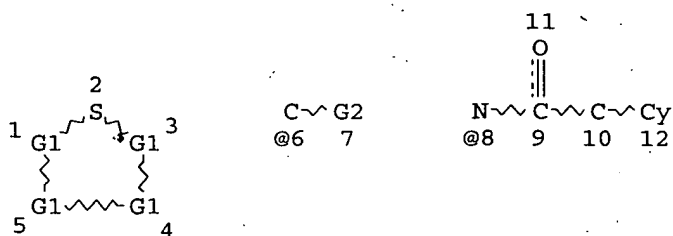
NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L7 273 SEA FILE=REGISTRY SSS FUL L1 AND L3

L12 STR





VAR G1=CH/6

VAR G2=ME/ET/I-PR/N-PR/I-BU/N-BU/T-BU/S-BU/CN/8

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L13 40 SEA FILE=REGISTRY SUB=L7 SSS FUL L12

L15 5 SEA FILE=REGISTRY ABB=ON PLU=ON (158297-27-9/BI OR 158297-30-4/BI OR 544464-58-6/BI OR 777084-76-1/BI OR 777084-77-2/BI)

L16 35 SEA FILE=REGISTRY ABB=ON PLU=ON L13 NOT L15

L17 141 SEA FILE=CHEMCATS ABB=ON PLU=ON L16

L18 0 SEA FILE=CHEMCATS ABB=ON PLU=ON L17 AND PD=<OCTOBER 1, 2001

=> => d l17 1 10 20 30 40 50 60 70 80 90 100 110 120 141

L17 ANSWER 1 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN

Accession No. (AN): 2006:2356268 CHEMCATS

Catalog Name (CO): Princeton Gold Collection I

Publication Date (PD): 24 Apr 2006

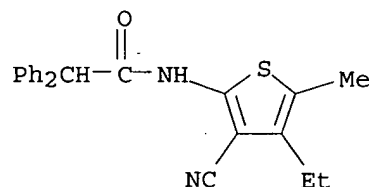
Order Number (ON): OSSK\_063207

Chemical Name (CN): Benzeneacetamide, N-(3-cyano-4-ethyl-5-methyl-2-thienyl)- $\alpha$ -phenyl-

CAS Registry No. (RN): 438452-59-6

Supplementary Term (ST): CHEMICAL LIBRARY

Structure :



L17 ANSWER 10 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN

Accession No. (AN): 2006:2129244 CHEMCATS

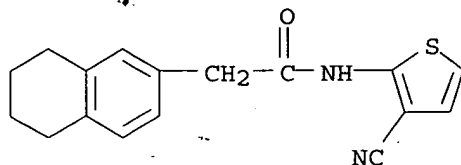
Catalog Name (CO): Enamine Screening Library

Publication Date (PD): 24 Jan 2006

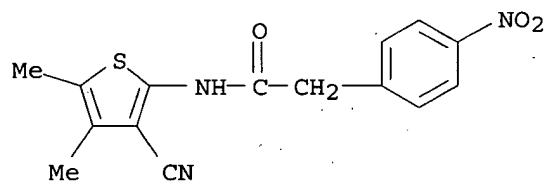
Order Number (ON): T5483002

Chemical Name (CN): 2-Naphthaleneacetamide, N-(3-cyano-2-thienyl)-5,6,7,8-tetrahydro-

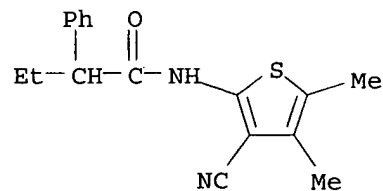
CAS Registry No. (RN): 874622-31-8  
 Supplementary Term (ST): CHEMICAL LIBRARY  
 Structure :



L17 ANSWER 20 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN  
 Accession No. (AN): 2006:1424232 CHEMCATS  
 Catalog Name (CO): Aurora Screening Library  
 Publication Date (PD): 22 Feb 2006  
 Order Number (ON): kchi-065667  
 Chemical Name (CN): Benzeneacetamide, N-(3-cyano-4,5-dimethyl-2-thienyl)-4-nitro-  
 CAS Registry No. (RN): 540799-44-8  
 Supplementary Term (ST): CHEMICAL LIBRARY  
 Structure :

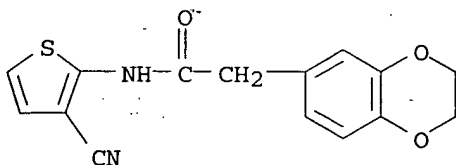


L17 ANSWER 30 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN  
 Accession No. (AN): 2006:1366125 CHEMCATS  
 Catalog Name (CO): Aurora Screening Library  
 Publication Date (PD): 22 Feb 2006  
 Order Number (ON): kchi-049782  
 Chemical Name (CN): Benzeneacetamide, N-(3-cyano-4,5-dimethyl-2-thienyl)-α-ethyl-  
 CAS Registry No. (RN): 329218-94-2  
 Supplementary Term (ST): CHEMICAL LIBRARY  
 Structure :

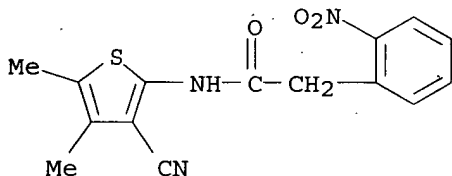


L17 ANSWER 40 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN  
 Accession No. (AN): 2006:1115444 CHEMCATS  
 Catalog Name (CO): Aurora Screening Library

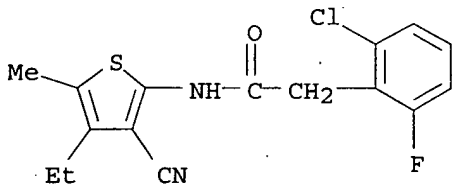
Publication Date (PD): 22 Feb 2006  
 Order Number (ON): kend-0028580  
 Chemical Name (CN): 1,4-Benzodioxin-6-acetamide, N-(3-cyano-2-thienyl)-2,3-dihydro-  
 CAS Registry No. (RN): 796076-17-0  
 Supplementary Term (ST): CHEMICAL LIBRARY  
 Structure :



L17 ANSWER 50 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN  
 Accession No. (AN): 2005:4729268 CHEMCATS  
 Catalog Name (CO): Scientific Exchange Product List  
 Publication Date (PD): 14 Mar 2006  
 Order Number (ON): M-860345  
 Chemical Name (CN): Benzeneacetamide, N-(3-cyano-4,5-dimethyl-2-thienyl)-2-nitro-  
 CAS Registry No. (RN): 777874-26-7  
 Supplementary Term (ST): CHEMICAL LIBRARY  
 Structure :

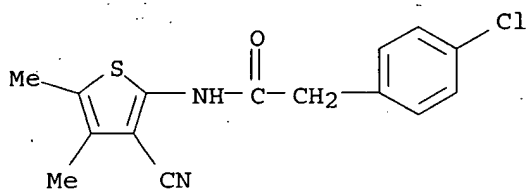


L17 ANSWER 60 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN  
 Accession No. (AN): 2005:4209304 CHEMCATS  
 Catalog Name (CO): Scientific Exchange Product List  
 Publication Date (PD): 14 Mar 2006  
 Order Number (ON): M-055610  
 Chemical Name (CN): Benzeneacetamide, 2-chloro-N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-6-fluoro-  
 CAS Registry No. (RN): 438213-15-1  
 Supplementary Term (ST): CHEMICAL LIBRARY  
 Structure :



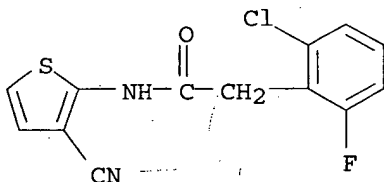
L17 ANSWER 70 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN

Accession No. (AN): 2005:4008977 CHEMCATS  
Catalog Name (CO): Scientific Exchange Product List  
Publication Date (PD): 14 Mar 2006  
Order Number (ON): X-063480  
Chemical Name (CN): Benzeneacetamide, 4-chloro-N-(3-cyano-4,5-dimethyl-2-thienyl)-  
CAS Registry No. (RN): 328277-81-2  
Supplementary Term (ST): CHEMICAL LIBRARY  
Structure :



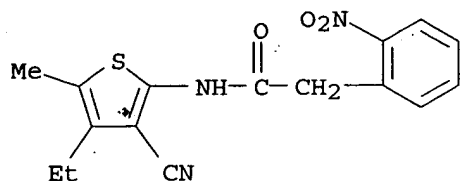
L17 ANSWER 80 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN

Accession No. (AN): 2005:2388604 CHEMCATS  
Catalog Name (CO): AKos Screening Library  
Publication Date (PD): 7 Feb 2006  
Order Number (ON): AKL-P-1909293  
Chemical Name (CN): Benzeneacetamide, 2-chloro-N-(3-cyano-2-thienyl)-6-fluoro-  
CAS Registry No. (RN): 830343-64-1  
Supplementary Term (ST): CHEMICAL LIBRARY  
Structure :



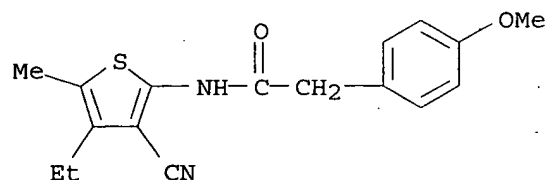
L17 ANSWER 90 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN

Accession No. (AN): 2005:2279648 CHEMCATS  
Catalog Name (CO): AKos Screening Library  
Publication Date (PD): 7 Feb 2006  
Order Number (ON): AKL-P-1056220  
Chemical Name (CN): Benzeneacetamide, N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-2-nitro-  
CAS Registry No. (RN): 438212-65-8  
Supplementary Term (ST): CHEMICAL LIBRARY  
Structure :



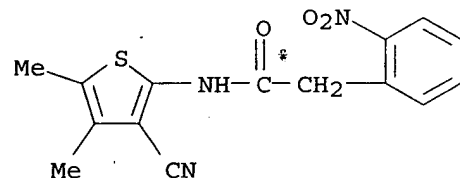
L17 ANSWER 100 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN

Accession No. (AN): 2005:2213366 CHEMCATS  
 Catalog Name (CO): AKos Screening Library  
 Publication Date (PD): 7 Feb 2006  
 Order Number (ON): AKL-P-0295869  
 Chemical Name (CN): Benzeneacetamide, N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-4-methoxy-  
 Synonym (CN): Also sold under AKos Order Number(s): AKR8021437  
 CAS Registry No. (RN): 313703-06-9  
 Supplementary Term (ST): CHEMICAL LIBRARY  
 Structure :



L17 ANSWER 110 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN

Accession No. (AN): 2005:404595 CHEMCATS  
 Catalog Name (CO): ChemBridge Screening Library  
 Publication Date (PD): 12 Jan 2005  
 Order Number (ON): 7946521  
 Chemical Name (CN): N-(3-cyano-4,5-dimethyl-2-thienyl)-2-(2-nitrophenyl)acetamide  
 CAS Registry No. (RN): 777874-26-7  
 Supplementary Term (ST): CHEMICAL LIBRARY  
 Structure :

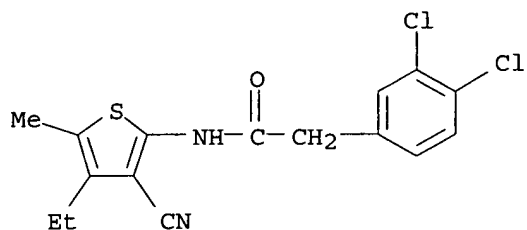


L17 ANSWER 120 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN

Accession No. (AN): 2004:2906221 CHEMCATS  
 Catalog Name (CO): TimTec Overseas Stock  
 Publication Date (PD): 1 Aug 2005  
 Order Number (ON): OVS2153652  
 Chemical Name (CN): Benzeneacetamide, 3,4-dichloro-N-(3-cyano-4-ethyl-5-methyl-2-thienyl)-

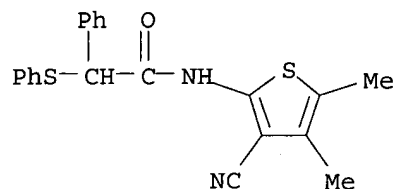
1

CAS Registry No. (RN): 438197-97-8  
Supplementary Term (ST): CHEMICAL LIBRARY  
Structure :



L17 ANSWER 141 OF 141 CHEMCATS COPYRIGHT 2006 ACS on STN

Accession No.	(AN): 2001:15514	CHEMCATS
Catalog Name	(CO): Pharma Library Collection	
Publication Date	(PD): 15 Mar 2005	
Order Number	(ON): NS36351	
Chemical Name	(CN): Benzeneacetamide, N-(3-cyano-4,5-dimethyl-2-thienyl)- α-(phenylthio)-	
CAS Registry No.	(RN): 312703-95-0	
Supplementary Term	(ST): CHEMICAL LIBRARY	
Structure	:	


$$\Rightarrow \Rightarrow$$